PTO/SB/08A	(10-96)
------------	---------

Approved for use through 10/31/99. OMB 0654-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
JUL 2 Under the Pagerwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

ease type a plus sign (+) inside this box

+

Complete if Known te for form 1449A/PTO 10/782,695 Application Number INFORMATION DISCLOSURE February 19, 2004 Filing Date STATEMENT BY APPLICANT Maria A. Glucksmann, et al. First Named Inventor 1646 Group Art Unit Examiner Name Jiang, Dong (use as many sheets as necessary) MPI04-002OMNIM Sheet **Attorney Docket Number**

					<u> </u>	S. PATENT DOCUME				
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code ² Number (if known)			Patentee or Applicant Cited Document	Date of Publicat Cited Docum (MM-DD-YYY	ent	Pages, Columns, Lines, W Relevant Passages of Relevant Figures Appear		
DJ	A1	WO 01/0	7611	A2	GENEN'	TECH, INC.	02-01-2001		Entire document	
· · · · · · · · · · · · · · · · · · ·	L	<u> </u>		<u> </u>					<u> </u>	·.· ,
		1			FORE	IGN PATENT DOCU	Date of	1		
Examiner	Cite				Name of Patentee or	Publication of		es, Columns, Lines, Where	 _T 8	
Initials*	No. ¹	Code ⁵ Office ³	Numb		ind if known)	Applicant of Cited Document	Cited Document (MM-DD- YYYY)		vant Passages or Relevant res Appear	
								ŀ		ļ
									· .	
							i.			
					 					
	_				1				•	
										\dagger
										\vdash
			·····							
		 - 			_					-
					ļ					ŀ

Examiner Signature	/Dong Jiang/	Date Considered	02/27/2007
	·		· ·

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation design number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a	plus sign	(+) inside t	this box	\rightarrow	+

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0654-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

+

Patent and Trademark Office. 3.3. 227 Charles Under the Paperwork Reduction Act of 1995 to persons are required to respond to a collection of information unless it contains a valid OMB control number.

		/	<i>⊙</i> , \		
			\&J	Comp	plete if Known
INEO	RMATION EMENT B	Maisci (Ͻ <u>ϐ</u> Ϋ IRE	Application Number	10/782,695
IIVI OI		DOE!		Filing Date	February 19, 2004
STATI	EMENT B	Y APPL	ICANT	First Named Inventor	Maria A. Glucksmann, et al.
				Group Art Unit	1646
	(use as many s	heets as necess	ary)	Examiner Name	Jiang, Dong
Sheet	1	of	3	Attorney Docket Number	MPI04-002OMNIM

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item	Г
Examiner Initials*	Cite No.1	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	۱
DJ	A2	GU, J., et al., "BM Homo Sapiens cDNA Clone BMFAUCO7 5", mRNA Sequence," Created October 19, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/>. GenBank Accession No. AV758454.	
	A3	XU, X., et al., "DCB Homo Sapiens cDNA Clone DCBALF01 5', mRNA Sequence," Created October 11, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ , GenBank Accession No. AV714678.	
	A4	STRAUSBERG, ROBERT, "NIH_MGC_89 Homo Sapiens cDNA Clone IMAGE: 4414526 5' mRNA Sequence," Created February 12, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. BG249800.	
	A5	XU, X., et al., "DCB Homo Sapiens cDNA Clone DCBAWH06 5', mRNA Sequence," Created October 11, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AV714776.	
	A6	DIAS NETO, E., et al., "RC2-CT0320-060200-017-e11 CT0320 Homo Sapiens cDNA, mRNA Sequence," Created May 19, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AW857691.	
	A7	STRAUSBERG, ROBERT, "602667860F1 NIH_MGC_60 Homo Sapiens cDNA Clone IMAGE: 4807718 5' mRNA Sequence," Created April 24, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ , GenBank Accession No. BG778739.	
	A8	STRAUSBERG, ROBERT, "602571324F1 NIH_MGC_77 Homo Sapiens cDNA Clone IMAGE: 4695796 5' mRNA Sequence," Created April 2, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ , GenBank Accession No. BG542104.	
	A9	HEDGE, P., et al., "EST369130 MAGE Resequences, MAGD Homo Sapiens cDNA, mRNA Sequence," Created June 1, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AW957060.	
	A10	STRAUSBERG, ROBERT, "7d27a05.x1 NCI_CGAP_Pr28 Homo Sapiens cDNA Clone IMAGE: 3248432 3' mRNA Sequence," Created September 8, 2000, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ >. GenBank Accession No. BE672260.	
\bigvee	All	STRAUSBERG, ROBERT, "602303992F1 NIH_MGC_88 Homo Sapiens cDNA Clone IMAGE: 4395335 5' mRNA Sequence," Created January 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. BF980807.	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

¹Unique citation design number. ²Applicant is to place a check mark here is English language Translation is attached.

Please type a plus sign (+) inside this box	+
---	---

PTO/SB/08B (10-96) Approved for use through 10/31/99. OMB 0654-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	o for form 144	9B/PTO		Сотр	lete if Known
INIEC	TAMAC		SCLOSURE	Application Number	10/782,695
				Filing Date	February 19, 2004
STA	TEMEN	JT BY A	PPLICANT	First Named Inventor	Maria A. Glucksmann, et al.
• • • •				Group Art Unit	1646
	(use as	many sheets a	s necessary)	Examiner Name	Jiang, Dong
Sheet	2	of	3	Attorney Docket Number	MPI04-002OMNIM

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	Т
DJ A12		TOGAYACHI, A., et al., "Homo Sapiens Beta3GnT5 mRNA for Beta1, 3-N-Acetylglucosaminyltransferase 5, Complete Cds," June 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AB045278.	
	A13	ZHOU, D., et al., "Homo Sapiens Beta 1,3 -N-Acetylglucosaminyltransferase Lc3 Synthase mRNA, Complete Cds," August 7, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ , GenBank Accession No. AF368169.	
	A14	TOGAYACHI, A., et al., "Rattus Norvegicus Beta3GnT5 mRNA for Beta1, 3-N-Acetylglucosaminyltransferase 5, Partial Cds," June 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ >. GenBank Accession No. AB045279.	
:	A15	BAKER, K.P., et al., "Sequence 511 from Patent WO0107611," February 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AX079767.	
	A16	BAKER, K.P., et al., "Sequence 507 from Patent WO0107611," February 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AX079763.	
	B1	BAKER, K.P., et al., "Sequence 474 from Patent WO0107611," February 22, 2001, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AX079730.	
	B2	HUDSON, T., "Human STS WI-13813, Sequence Tagged Site," May 31, 1996, (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on October 5, 2001]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. G23534.	
	В3	JACOBS, K., et al., "EST Clone IJ1220," October 15, 1998, <i>The Derwent GENESEQ Database</i> , Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. V88980.	
$\sqrt{}$	B4	JACOBS, K., et al., "Human Secreted Expressed Sequence Tag SEQ ID No: 1663" April 20, 2000, The Dervent GENESEQ Database, Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. A45088.	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

¹Unique citation design number. ²Applicant is to place a check mark here is English language Translation is attached.

Please type a plus sign (+) inside this box -> +
--

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0654-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	e for form 1449	В/РТО		Сотр	lete if Known
INFO	TAMAC	ום ואסו	SCLOSURE	Application Number	10/782,695
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 19, 2004
				First Named Inventor	Maria A. Glucksmann, et al.
				Group Art Unit	1646
	(use as i	many sheets a	s necessary)	Examiner Name	Jiang, Dong
Sheet	3	of	3	Attorney Docket Number	MPI04-002OMNIM

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
B5	MATSUBARA, K., et al., "Human Gene Signature HUMGS06027" June 1, 1995, The Derwent GENESEQ Database, Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. T24045.				
В6	JACOBS, K., et al., "Human Secreted Expressed Sequence Tag SEQ ID No: 682" April 20, 2000, The Derwent GENESEQ Database, Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. A41942.				
В7	BRETON, C., et al., "Structure/Function Studies of Glycosyltransferases," Curr. Opin. Struc. Biol., Vol. 9, pp. 563-71 (1999).				
В8	CROUT, D.H.G., et al., "Glycosidases and Glycosyl Transferases in Glycoside and Oligosaccharide Synthesis," <i>Curr. Chem. Biol.</i> , Vol. 2, pp. 98-111 (1998).				
В9	DIAS NETO, E., et al., "Shotgun Sequencing of the Human Transcriptome with ORF Expressed Sequence Tags," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , Vol. 97(7), pp. 3491-6 (March 28, 2000).				
	B6 B7 B8	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published. B5 MATSUBARA, K., et al., "Human Gene Signature HUMGS06027" June 1, 1995, The Derwent GENESEQ Database, Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. T24045. B6 JACOBS, K., et al., "Human Secreted Expressed Sequence Tag SEQ ID No: 682" April 20, 2000, The Derwent GENESEQ Database, Thomson Scientific, 3501 Market Street, Philadelphia, PA 19104, [retrieved on October 5, 2001], DGene Accession No. A41942. B7 BRETON, C., et al., "Structure/Function Studies of Glycosyltransferases," Curr. Opin. Struc. Biol., Vol. 9, pp. 563-71 (1999). B8 CROUT, D.H.G., et al., "Glycosidases and Glycosyl Transferases in Glycoside and Oligosaccharide Synthesis," Curr. Chem. Biol., Vol. 2, pp. 98-111 (1998).			

Examiner Signature	/Dong Jiang/	Date Considered	02/27/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231.

¹Unique citation design number. ²Applicant is to place a check mark here is English language Translation is attached.

APPUC REV 7-6		IILE OF FORM PTO-1449	COM	DEPARTMENT OF MERCE INT AND TRADEMARK OFFICE	MNI-188	••		/782,695
LIST OF PUBLICATIONS CITED BY A					APPLICANT APPLICANT		GROUP 1646	
	1 1/2	1 2 2006 S)			August 31, 20	01		
	\ <u>a</u>	5/	<u>υ.</u>	S. PATENT DOCI			T	
EXAMIN	ER 2	TRADE NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	<u> </u>	500	I DATENT DO	CUMENTS		<u>L</u>	<u> </u>
	T	DOCUMENT NUMBER	DATE	EIGN PATENT DO	CONTRY	CLASS	SUBCLASS	TRANSLATION
	_				<u></u>			YES NO
							<u> </u>	<u> </u>
	C3 C4	Immb.ncifcrf.g Togayachi, A. beta 1,3-N-acc of HNK-1 and Watt, G.M. et	ov/~qasba et al., "Mo etylglucosa Lewis X e al., "Enzyn	glycobiology section /golgiresidence.htmlecular cloning an aminyltransferase pitopes on glycoling ne-catalyzed form	ml retrieved from d characterizatio (beta 3Gn-T5), a bids," J. Biol. Che	on of UDP-Gle an essential e em. 2001 Jun	cNAc:lactosy enzyme for the 22;276(25)	ne expression :22032-40
		7:652-660 (19	51)					

.

						10/782,695	Reexamination MEYERS ET A		
		Notice of Reference	s Cited		Examiner D. Jiang Art Unit		Art Unit		
		Notice of Reference			Manjunath N. Rao, Ph.D. 1652			Page 1 of 1	
L				II S PA	TENT DOCUM				
Γ.	г	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Date	7	TENT DOOD!	······································			
*		Country Code Number Kind Code	MM-YYYY			Name	· -	Classification	
	A	US-				· · · · · · · · · · · · · · · · · · ·			
	В	US-				······································			
	С	US-							
	D	US-				····			
	Е	US-							
	F	US-						·	
	G	US-						_	
	Ι	US-							
	_	US-							
	٦	US-							
	κ	US-							
	٦	US-							
	,M	US-							
				FOREIGN	PATENT DOC	UMENTS			
			γ-···	Document Number Date Country Code-Number-Kind Code MM-YYYY Country					
*		Country Code-Number-Kind Code	MM-YYYY		ountry ·	Name		Classification	
*	N			PCT	ountry ·	Name Conklin et al.		Classification	
	N O	Country Code-Number-Kind Code	12-2000		ountry			· · · · · · · · · · · · · · · · · · ·	
		Country Code-Number-Kind Code	MM-YYYY		ountry ·			· · · · · · · · · · · · · · · · · · ·	
	0	Country Code-Number-Kind Code	12-2000		ountry			· · · · · · · · · · · · · · · · · · ·	
	О Р	Country Code-Number-Kind Code	12-2000		ountry			· · · · · · · · · · · · · · · · · · ·	
	О Р Q	Country Code-Number-Kind Code WO 01/44479 A1	12-2000		ountry			· · · · · · · · · · · · · · · · · · ·	
	O P Q R	Country Code-Number-Kind Code WO 01/44479 A1	12-2000		ountry			· · · · · · · · · · · · · · · · · · ·	
DJ	O P Q R S	Country Code-Number-Kind Code WO 01/44479 A1	MM-YYYY 12-2000	PCT NON-PA	TENT DOCUM	Conklin et al.		· · · · · · · · · · · · · · · · · · ·	
	O P Q R S	Country Code-Number-Kind Code WO 01/44479 A1	MM-YYYY 12-2000	PCT NON-PA	TENT DOCUM	Conklin et al.	Pertinent Pages)	· · · · · · · · · · · · · · · · · · ·	
DJ	O P Q R S	Country Code-Number-Kind Code WO 01/44479 A1	MM-YYYY 12-2000	NON-PA	TENT DOCUM	Conklin et al.	Pertinent Pages)	· · · · · · · · · · · · · · · · · · ·	
DJ *	O P Q R S T	Country Code-Number-Kind Code WO 01/44479 A1	MM-YYYY 12-2000	NON-PA	TENT DOCUM	Conklin et al.	Pertinent Pages)	· · · · · · · · · · · · · · · · · · ·	
DJ *	O P Q R S T	Country Code-Number-Kind Code WO 01/44479 A1	MM-YYYY 12-2000	NON-PA	TENT DOCUM	Conklin et al.	Pertinent Pages)	· · · · · · · · · · · · · · · · · · ·	

"A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

Mylos

/Dong Jiang/ 02/27/2007 Part of Paper No. 12